ANNUAL CONVOCATION

PART III



Northern Alberta Jubilee Auditorium

JUNE, 1967

THE PRESENTATION

The Dean of the Faculty of Graduate Studies asks the candidates for degrees to rise, and presents them with these words:

"Eminent Chancellor and President, on behalf of the Faculties, I present to you these scholars and ask that they be pledged and admitted to the degrees to which they are entitled."

THE PLEDGE

The President, then rising, addresses the candidates in these words:

"Do you promise faithfully to observe and loyally to maintain the statutes, customs, privileges and liberties of this your University? Do you solemnly promise to conduct yourself in all things loyally and faithfully to the honor of your University, the encouragement of learning and the good of your country?"

Each candidate replies: "These things I pledge myself to do."

THE ADMISSION

The Chancellor then addresses the candidates in these words:

"By virtue of the authority vested in me by the Legislature of this Province, and with the consent of this University, I admit you to the degrees to which you are entitled, and invest you with all the powers, right and privileges pertaining to such degrees, and I charge you to use them for the glory of God and the honor of your country."

Candidates then sit down.

The University of Alberta

PART THREE

of the

FIFTY-SEVENTH ANNUAL CONVOCATION

for the

CONFERRING OF DEGREES

THE CHANCELLOR, Dr. F.P. GALBRAITH, PRESIDING



Two o'clock, Thursday Afternoon
June the First
Nineteen Hundred and Sixty-seven
Northern Alberta Jubilee Auditorium
Edmonton, Alberta

Program

ACADEMIC PROCESSION

The audience will remain seated until a fanfare from the Orchestra signals the arrival of the Chancellor and the other members of the Platform Party.

O CANADA

THE INVOCATION

Reverend E. J. Thompson, M.A., B.D., Ph.D., D.D.

REPORT TO CONVOCATION

Dean W. C. MacKenzie, B.Sc., M.D., C.M., M.S., LL.D., F.A.C.S, F.R.C.S. (C), Hon. F.R.C.S. (Edin.), Hon. F.R.C.S.

CONFERRING OF HONORARY DEGREE OF DOCTOR OF LAWS

Murray Llewellyn Barr, B.A., M.D., M.Sc., LL.D., F.R.S.C., F.R.C.P. (C), F.A.C.P.

Presented by Dr. E. G. Bertram

Arnold Whitney Matthews, B.Sc., M.Sc., Ph.D. Presented by Dean M. J. Huston

CONVOCATION ADDRESS

Dr. A. W. Matthews

PRESIDENT OF THE STUDENTS' UNION Alistair William Anderson

CONFERRING OF DEGREES

The Presentation
The Pledge
The Admission

PRESENTATION OF DIPLOMA

GOD SAVE THE QUEEN

RECESSION

Music by The Summer Orchestra, conducted by Alan Clarke, appearing through the co-operation of the Edmonton Musicians Association.

Awards

AWARDS TO GRADUATING STUDENTS

THE FACULTY OF DENTISTRY

The Alberta Dental Association Gold Medal
Daniel J. Gau, Edmonton

The Arthur D. Cumming Gold Medal Alexander Kaburda, Edmonton

The Edmonton and District Dental Society Prize John L. Kenney, Edmonton

The American Academy of Dental Medicine Award
Thomas J. Erskine, Edmonton

The American Society of Dentistry for Children Award Roderick H. Florence, Edmonton

> The C. V. Mosby Book Award John A. Matthews, Edmonton

THE SCHOOL OF DENTAL HYGIENE

The Dental Hygiene Gold Medal and Prize Cheryl Ann Goodfellow, Calgary

THE FACULTY OF LAW

The Horace Harvey Gold Medal in Law Donald Barry Kirkham, Edmonton

The George Bligh O'Connor Silver Medal in Law John Patrick Peacock, Edmonton

The Ernest Brown Wilson Memorial Prize in Law Neil Charles Wittmann, Edmonton

The Honorable Clinton J. Ford Shields
John Patrick Peacock, Edmonton
Neil Charles Wittmann, Edmonton

The Raymond James Memorial Prize Jerry Marshall Kitt, Edmonton

The National Trust Prize
Donald Barry Kirkham, Edmonton

The Morris and Naomi Schocter Memorial Prize in Law Carole Mildred Smallwood, Irma

> The Carswell Prize in the Faculty of Law Nina Leone Foster, Edmonton

THE FACULTY OF MEDICINE

General

The Moshier Memorial Gold Medal Jean Dorothy Gillis, Edmonton The John W. Scott Honor Award Robert Edward Miller, Edmonton

The H. E. Rawlinson Medical Book Awards
Brian Ainslie Saunders, Edmonton
Paul Frank Schnee, Edmonton

Medicine

The E. L. Pope Memorial Award in Medicine
Thomas Windrum Wilson, Edmonton

Obstetrics and Gynaecology
The Conn Memorial Gold Medal in Obstetrics and Gynaecology
Henry Wiebe, Saskatchewan

Ophthalmology
The Dr. Ernest A. Johnson Scholarship in Ophthalmology
Reid Frederick Schindler, Lethbridge

Paediatrics
The Douglas Leitch Gold Medal in Paediatrics
Aubrey James Tingle, Edmonton

Pathology
The John James Ower Memorial Gold Medal in Pathology
Thomas Windrum Wilson, Edmonton

Psychiatry
The Dr. S. S. Spaner Prize in Psychiatry
Douglas John Mulholland, Edmonton

Surgery
The Mewburn Memorial Gold Medal in Surgery
Lance Burnard Richard, Edmonton

The Isaac and Leah Weinlos Prize in Surgery
Robert Edward Miller, Edmonton

Medical Laboratory Science
The Associated Hospitals of Alberta Gold Medal and Prize
Annabel Buxton, Edmonton

THE SCHOOL OF NURSING
The Gold Medal in Nursing
Not Awarded

THE FACULTY OF PHARMACY

The Alberta Pharmaceutical Association Gold Medal in Pharmacy
Lorna P. Richards, Edmonton

The Alberta Pharmaceutical Association Silver Medal in Pharmacy
Dorothy A. Ballentine, Irma

The Alberta Pharmaceutical Association Prize for Pharmaceutical Research Lorna P. Richards, Edmonton

THE FACULTY OF PHYSICAL EDUCATION

The Alumni Gold Medal in Physical Education Leonard W. Harvey, Australia

THE SCHOOL OF REHABILITATION MEDICINE

The Physiotherapy Book Prize
Alice Jones, Calgary

The Occupational Therapy Book Prize
Birgit Sys Schau, Calgary

The Calgary Branch Canadian Physiotherapy Association Book Prize
Marcia Wichers, British Columbia

The Madeline Pierson Memorial Prize in Occupational Therapy
Birgit Sys Schau, Calgary

THE UNIVERSITY OF ALBERTA FIRST CLASS STANDING PRIZES

The Faculty of Dentistry

Fourth Year:

Daniel J. Gau, Edmonton

The School of Dental Hygiene

Second Year:

Lenora May Adams, Edmonton

Cheryl Ann Goodfellow, Calgary

The Faculty of Law

Third Year:

Donald Barry Kirkham, Edmonton John Patrick Peacock, Edmonton Neil Charles Wittmann, Edmonton

The Faculty of Medicine

Fourth Year:

Jean Dorothy Gillis, Edmonton

Robert Miller, Edmonton

Medical Laboratory Science

Fourth Year:

Annabel Buxton, Edmonton

The School of Nursing

Fifth Year:

Marion Gladys Abell, Edmonton Mildred Joan Arsene, Coalhurst Patricia Alberta Carpenter. Edmonton Lee Ann Isobel Tyrell, Edmonton

Diploma in Teaching and Supervisinon: Helen Martha Dyck, Pincher Creek

Fernande Harrison, Edmonton

Diploma in Public Health:

Barbara Joan Blake, Ontario Mary Jean Forbes, Edmonton Elfrieda Stephanie Schinkinger, Athabasca Camille Jewel Romaniuk, Edmonton Janice Hellena Wolter, Leslieville

The Faculty of Pharmacy

Fourth Year:

Richard D. Krause, Hilda Linda A. Wright, Ontario Lorna P. Richards, Edmonton

Third Year:

Dorothy A. Ballentine, Irma Donald G. Perrier, Medicine Hat Elaine H. Yakimets, Redwater Amy G. Yamamoto, Magrath

The Faculty of Physical Education

Third Year:

Sharon E. Fester, Edmonton Leonard W. Harvey, Australia Larry S. Lebekmo, Edmonton Natalka A. Semotiuk, Edmonton Joan D. Spencer, Winnipeg Harold W. Stuckert, Edmonton Bryn C. Thomas, Edmonton Dianne E. Van Hesteren, Edmonton

The School of Rehabilitation Medicine

Third Year:

Alice Jones, Calgary

Marcia Wichers, British Columbia

GRADUATE AWARDS

Open in two or more fields of study:

The University of Alberta Graduate Fellowship

Joanne Angus-Smith, Edmonton (English)

The Izaak Walton Killam Memorial Fellowships

Peter J. Atherton, Edmonton (Educational Administration)
William D. Ellis, Edmonton (Chemistry)
David A. Hutcheon, Edmonton (Physics)
Edward A. Holdaway, Edmonton (Educational Administration)
Marlene M. Mackie, Edmonton (Sociology)
William L. Skidmore, Ohio (Sociology)

Dissertation Fellowships

Sheila A. Berry, Edmonton (Microbiology)
Alma Caballero, Edmonton (Botany)
Boon Ngee Cham, Singapore (Political Science)
Hing Hun Chan, Hong Kong (Physics)
Li-tsun Chen, Taiwan (Zoology)
Chen-kuan Chuang, Taiwan (History)
Anne Decore, Edmonton (Sociology)
Pandurang Deshpande, India (Chemistry)
Michael W. Gray, Medicine Hat (Biochemistry)
Father W. Hague, Edmonton (Educational Psychology)
Horace D. Hemphill, Edmonton (Educational Psychology)
Sozo Kashiyama, Japan (Philosophy)
Thomas Klinefelter, Pennsylvania (English)
Jack S. Lewis, Edmonton (Educational Foundations)
Austin A. Lupton, Edmonton (Geography)
Vincent McNamara, Australia (Educational Administration)
Rajinder Pannu, India (Sociology)
Edward Redshaw, Jamaica (Plant Science)
Mark Sandilands, Edmonton (Psychology)
James R. Savary, Ontario (Economics)
Douglas G. Scraba, Edmonton (Biochemistry)
William S. Simpkins, Edmonton (Educational Administration)
Satish K. Srivastava, India (Geology)
Eva Wagner, England (Germanic Languages)

The Harold Hayward Parlee Memorial Fellowship
Karen F. Hansen, Edmonton (Linguistics)

The Province of Alberta Graduate Fellowships

Richard M. Barham, Edmonton (Educational Psychology) Eung-do Cook, Korea (Linguistics)

Rosmarie Hunter, Calgary (Germanic Languages)
Gertrud Lewis, Edmonton (Germanic Languages)
Terence R. M. McKague, Edmonton (Educational Administration) June McMaster, Edmonton (English)

Eric Mokosch, Edmonton (Secondary Education) Kenneth G. O'Bryan, Edmonton (Educational Psychology) Patricia Skidmore, Ohio (History)

Alfred N. Stewart, Edmonton (Educational Administration)

The Province of Alberta Graduate Scholarships

James T. Angus, Edmonton (Educational Administration)

John A. Anonby, B.C. (English)
David T. Bale, Edmonton (Secondary Education) Rebecca Carnegie, Red Deer (English) John K. Chambers, Ontario (Linguistics)

Joseph E. Couture, Edmonton (Educational Psychology)

Yizhar Eylon, Edmonton (Psychology)

Larry W. Ferguson, Edmonton (Educational Psychology)

Robert E. Lavery, Quebec (Educational Administration)

Gulbrand Loken, Camrose (Educational Administration)

Denis A. O'Malley, Australia (Economics)

Alex H. Paul, Edmonton (Geography)

George Richert, Edmonton (Educational Administration) Anthony Saroop, Edmonton (English) Surojit Sen, India (English)

Daljit Singh, India (Chemical Engineering) H. Marijean Suelzle, Fort Saskatchewan (Sociology)
 Mary M. Young, Edmonton (Anthropology)
 El Sayed Yousseff, Egypt (Electrical Engineering)

The Francis F. Reeve Foundation Bursaries

Barbara Flagler, Edmonton (English) Alba Mihajlovich, Edmonton (Elementary Education) Hans J. Netolitzky, Edmonton (Plant Science) Jean Preigert, Entwistle (Romance Languages) Charles Z. Surmik, Edmonton (Electrical Engineering)

The W. J. Gage Limited Fellowship Terence Hore, Edmonton (Educational Psychology)

The Alberta Government Telephones Centennial Fellowship Fred Unger, Ralston (Electrical Engineering)

> The C.I.L. Fellowship Noel M. Burns, Edmonton (Chemistry)

The Pan American Petroleum Corporation Fellowship Geoffrey J. Dickie, Australia (Geology)

The Delta Delta Delta Alumnae Scholarship Sharon Winkelaar, Edmonton (Political Science)

The Henry Marshall Tory Scholarship Yizhar Eylon, Edmonton (Psychology)

The William Rea Scholarship Linda J. Zwicker, Hardisty (Music) The W. S. Buchanan Book Prize David J. Moss, Edmonton (History)

Open in one field of study only:

AGRICULTURE

The Canadian Sugar Factories Limited Scholarship
Marvin Dudas, Stirling (Soil Science)

The Dan Baker Bursary
Hans Netolitzky, Edmonton (Plant Science)

ENGINEERING

The G. A. Gaherty Memorial Scholarship in Engineering James B. Lee, Edmonton (Mechanical Engineering)

The Associated Engineering Services Limited Scholarship Gordon A. Sparks, Calgary (Civil Engineering)

The Chemcell Limited Fellowship
Dinesh Gandhi, India (Chemical Engineering)

EDUCATION

The International Nickel Company of Canada Graduate Fellowship in Educational Administration

Kathleen Francoeur, Quebec (Educational Administration)

ENGLISH

The James Patrick Folinsbee Memorial Scholarship in Creative Writing Jon Whyte, Edmonton (English)

HISTORY

The Men's Canadian Club Prize John S. Nicks, Edmonton (History)

PSYCHOLOGY

The Lamond, Dewhurst, Westcott and Fraser Scholarship
Paul O. McGaffey, Edmonton (Psychology)

Degrees

This list of candidates for degrees and diplomas appearing herein is subject to such corrections, with respect to both deletions and additions, as may be necessary.

Admitted to the Degree of Doctor of Laws, Honoris Causa Murray Llewellyn Barr, B.A., M.D., M.Sc., LL.D., F.R.C.S., F.R.C.P.(C), F.A.C.P. Arnold Whitney Matthews, B.Sc., M.Sc., Ph.D.

Admitted to the Degree of Doctor of Philosophy

Candidates presented by Professor A. G. McCalla, Dean of the Faculty of Graduate Studies

David Edwin Aiken, B.A., M.S. (University of New Hampshire) (Zoology), U.S.A. Sambasiva Rao Allada, B.Sc., M.Sc. (Andhra University) (Chemical Engineering), India Julius Cadden Allen, B.A. (Amherst College) A.M. (University of Massachusetts) (Pharmacology), Edmonton

Thomas Woodams Barry, B.A. (University of Rochester), LL.B. (Syracuse University) M.Sc. (Cornell University) (Zoology), Northwest Territories

John Jacob Bergen, B.Sc., B.Ed., M.Ed. (Manitoba) (Educational Administration), Manitoba

William Northrup Blake, B.A., B.Ed. (Washington State University) M.Ed. (Alberta) (Philosophy of Education), Edmonton

Jon Gerald Collins, B.Sc. (Manitoba) (Chemistry), Manitoba

James Alan Dainard, B.A., M.A., B.L.S. (British Columbia) (French Literature), Edmonton

Edward Lewis Dedio, B.Sc. (Alberta) (Chemistry), Edmonton

Uriel Enrique Diner, Licenciado (University of Buenos Aires) (Chemistry), Argentina Patrick Benjamin Albert Dyer, B.A., M.Ed. (British Columbia) (Educational Psychology), Trinidad

John Wallace Fletcher, B.Sc. (Waterloo) (Chemistry), Ontario Kenneth Dey Foster, B.Sc. (Alberta) (Chemistry), Edmonton Leslie Robb Gue, B.Ed. (Alberta) B.S.W. (British Columbia) (Educational Administra-

tion), Edmonton

Raymond Lloyd Hertzog, B.A. (British Columbia), M.Ed. (Alberta) (Educational Psychology), Calgary

William John Holstander, B.E., M.Sc. (Saskatchewan) (Chemistry), Edmonton

Aubrey Lee Hoxter, Jr., B.S. in Education, Ed.M. (Temple University) (Educational Psychology), U.S.A.

James Brian Hudson, B.Sc., M.Sc. (University of London) (Biochemistry), Edmonton Fakhrul Islam, B.Sc., M.Sc. (University of Rajshahi) (Metallurgy), East Pakistan David Anthony Klarner, B.A. (Humboldt State College) (Mathematics), U.S.A.

Neil Law Malcolm, B.Sc. (University of Aberdeen) (Agricultural Microbiology), George Gordon Manson, B.A., B.Ed. (British Columbia), M.Ed. (Alberta) (Educational Psychology), New Brunswick

Peter Lawrence Money, B.Sc. (McGill), M.Sc. (British Columbia) (Geology), Saskat-

Arthur Olaf Olson, B.Sc. (Alberta) (Plant Biochemistry), Edmonton

Ian Wilson Paterson, B.A. (University of Sydney) (Educational Administration), Austra-

Douglas Lawrence Petherbridge, B.Ed. (Alberta) (Secondary Education), St. Albert Mahmud Ahmad Qazi, B.Sc., M.Sc. (Punjab University, Pakistan) (Metallurgical Engineering), West Pakistan

Avinash Chandra Saxena, B.Chem.Eng. (University of Bombay), M.Sc. (Alberta) (Chemical Engineering), India

John Orchard Towler, B.A. (Toronto), M.Ed. (Alberta) (Secondary Education), Edmonton Merlin Walter Wahlstrom, B.Ed., M.Ed. (Alberta) (Educational Psychology), Edmonton

Admitted to the Degree of Master of Arts

James Anderson, B.A. (Queen's University of Belfast) (Geography), Ireland William Peter Baergen, B.Ed., B.A. (Alberta) (History), Northwest Territories Michael Joseph Bannon, B.A. (National University of Ireland) (Geography), Ireland Egon Freidrich Bork, B.A. (Alberta) (Philosophy), Edmonton

Keith John Brewer, B.A. (Oxford University) (Economics), Edmonton

Andrew Clemainis, B.A. (Alberta) (Economics), Ontario

Terrance Allan Collins, B.A. (Alberta) (Psychology), Edmonton

Conrad Joseph Dickhoff, B.A. (University of Alberta, Calgary) (Economics), Saskatchewan

Geoffrey Horn Farmer, B.A. (British Columbia) (Geography), British Columbia Louis Ferdinand Helbig, B.A., (Alberta) (German Literature), Edmonton

Harrold Kenner George Kay, B.S. (Michigan State University) (Physical Education), Ontario

Gertrud Jaron Lewis, Staatsexamen (University of Frankfurt, Main) (German Literature) Edmonton

Donald Hugh Morrison, B.A., B.P.H.E. (Queen's University, Kingston) (Physical Education), Ontario

Willam Niniowsky, Equiv. of Bachelor's Degree (Lvov Ivan Franko State University) (Slavonic Languages), Edmonton Robert Joseph Paddick, B.A. (University of Adelaide) (Physical Education), Edmonton

Gerald Kingman Palmer, A.B. (Stanford University) (Economics), U.S.A. Dennis Michael Paproski, B.A. (University of Alberta, Calgary) (Economics), Quebec Brian Somerville Robinson, B.A. (Queen's University of Belfast) (Geography), Edmonton

Mark Lawson Sandilands, B.A. (Alberta) (Psychology), Edmonton Darwin Michael Semotiuk, B.P.E. (Alberta) (Physical Education), Edmonton

George Walter Small, B.A. (Alberta) (Psychology), Quebec

Richard Brian Staples, B.Ed. in Physical Education (Alberta) (Physical Education), Devon

Frances Marilyn Stickney, B.A. (Alberta) (Classics), Hythe Manfred Joachim Sturm, B.A. (Alberta) (Economics), Edmonton Hilary Thompson, M.A. (University of Aberdeen) (English Literature), Edmonton Carl Joseph Tracie, B.Ed. (Alberta) Geography), Edmonton Edith Frances Usborne, B.A. (Alberta) (Psychology), Edmonton Douglas Allan Weir, B.A. (Victoria) (Geography), Edmonton LaRon Palmer Woolley, B.Ed. (Alberta) (French Literature), Grande Prairie

Admitted to the Degree of Master of Law

Martin Molokwu Olisa, B.Sc., LL.B. (University of London) (Petroleum Law), Nigeria

Admitted to the Degree of Master of Business Administration

Victor William Dzurko, B.Comm. (Alberta), Edmonton

Admitted to the Degree of Master of Science

Deh-Beng Ang, B.Sc. (Nanyang University) (Plant Physiology and Biochemistry),

Theresa Theodora Mary Baldwin, B.Sc. (Alberta) (Food Chemistry), Edmonton

Robert Benesch, B.Sc. (Alberta) (Chemistry), Edmonton Morley Bleviss, B.Sc. (Alberta) (Gen etics), Edmonton

Robert Douglas Cameron, B.Sc. (Alberta) (Civil Engineering), Edmonton

Douglas Thomson Campbell, B.Eng. (Nova Scotia Technical College) (Civil Engineering),

Ludwig Friedrich Norbert Carbyn, B.A. (Mount Allison) (Zoology), New Brunswick

Reginald Edmund Chandler, B.S.A. (Toronto) (Zoology), Edmonton

Ephrem Hiu-Chung Cheng, B.Sc. (National Taiwan University) (Electrical Engineering), Hong Kong

Roger John Clissold, B.Sc. (British Columbia) (Geology), Edmonton

Samuel Desmond Dalrymple, B.Sc. (Queen's University of Belfast) M.Sc. (Psychology), England

Reverend Dollard Desmarais, B.A., B.Ed. (Ottawa), M.S.(T.) (Saint Louis University) (Physics), Edmonton

Raymond Patrick Dixon, B.Sc. (Alberta) (Dairy Science), Edmonton

Lois Catherine Ellsworth, B.S. (Southern Connecticut State College) (Physiology), Ontario

Penelope Janet Gardner, B.Sc. (University College of Wales) (Soil Microbiology), England

Darcy Edward Goyette, B.Sc. (Victoria) (Zoology), Edmonton

John Cameron Gunn, B.Sc. (Alberta) (Mechanical Engineering), Hines Creek Walter Peter Hahn, B.Sc. (Alberta) (Civil Engineering), Edmonton Chau-ting Huang, B.S. (National Taiwan University) (Zoology), Republic of China John Joseph Hubert, B.Sc. (Assumption University of Windsor) (Mathematical Statistics), Edmonton Carl Franklin Hunter, B.Sc. (Alberta) (Civil Engineering), Edmonton Alan Shields Imrie, B.Sc. (Alberta) (Geology), British Columbia Mohammad Jamil, B.Sc. (West Pakistan University of Engineering and Technology) (Mechanical Engineering), Pakistan Peter Geoffrey King, B.P.E. (New Brunswick) (Physical Education), New Brunswick Perry Studley Kinkaide, A.B. (Colgate University) (Psychology), Edmonton Gerald Clarence Kozub, B.Sc. (Alberta) (Mathematical Statistics), Edmonton John William Kramers, B.Sc. (Alberta) (Geology), Edmonton Marilyn Beatrice Leslie, B.Sc. (Alberta) (Biochemistry), Calgary John Edward Eric Lofkrantz, B.Sc. (Alberta) (Chemical Engineering), Edmonton Albert Franklin Lukey, B.Sc. (Alberta) (Civil Engineering), Sunnybrook Arthur Raymund Macneil, M.D. (Dalhousie) (Medicine), Nova Scotia Lydia Nowell Phindile Makhubu, B.Sc. (Pius XII College) (Chemistry), Swaziland Robert Clyde Martell, B.Sc. (Alberta) (Electrical Engineering), Edmonton Abdul Majeed Mustapha, B.Sc. (Manitoba) (Civil Engineering), Edmonton Ronald Eugene Nieman, B.Sc. (Alberta) (Chemical Engineering), Calgary Nestor Vincente Ortiz, B.Eng. (Nova Scotia Technical College) (Civil Engineering), Venezuela Neal Allan Patterson, B.Sc. (Alberta) (Electrical Engineering), Tofield Bernard Tully Reilly, B.Sc. (Alberta) (Mechanical Engineering), Calgary Nis Schmidt, M.D. (Alberta) (Surgery), Edmonton Norbert Walter Schmidtke, B.Sc. (Alberta) (Civil Engineering), Edmonton Frederick William Schuld, B.Sc. (Alberta) (Animal Nutrition), Edmonton David Alexander Scott, B.Sc. (British Columbia) (Computing Science), British Col-

Rajinder Singh Seth, B.Sc., M.Sc. (Punjab University, India) (Physics), India
Lal Narain Shukla, B.Sc. (University of Allahabad) (Agricultural Engineering), India
Austin LaVerne Smith, B.A., B.Sc. (Alberta) (Horticulture), Edmonton
Glenn Richard Smith, B.Sc. (Alberta) (Civil Engineering), Edmonton
Harry Siegfried Stellmach, B.Sc. (Alberta) (Chemical Engineering), Edmonton
Douglas Roy Stevenson, B.Sc. (Alberta) (Geology), Edmonton
Hugo Leendert Philip Stibbe, B.Sc. (Alberta) (Geography), Edmonton
Paul William Stringer, B.Sc. (University of Manchester) (Plant Ecology), Edmonton
Grahame Stanley Taylor, B.Sc. (University of London) (Pharmacology), England
Lance Arden Turlock, B.Sc. (Alberta) (Electrical Engineering), British Columbia
Wayne Allan Walker, B.Sc. (Alberta) (Computing Science), Edmonton
Arthur Frederick Wilson, B.Sc., M.D. (Alberta) (Anatomy), Edmonton
Shirley Ann Wolff, B.Sc. (Alberta) (Pharmacology), Evansburg
Irwin Lewis Woodrow, B.Sc. (Alberta) (Food Chemistry), Edmonton
Yuh-Lin Yu, B.S. (National Taiwan University) (Animal Physiology), Republic of China

Admitted to the Degree of Master of Education

William Lloyd Badger, B.Ed., B.A. (Alberta) (Secondary Education), Edmonton Francis Xavier Bischoff, B.Ed. (Alberta) (Educational Administration), Edmonton David Lawrence Burt, B.P.E. (Alberta) (Secondary Education), Edmonton Neil Raymond Cassidy, B.Ed., B.A., (Alberta) (Secondary Education), Edmonton Nicholas Julian Chamchuk, B.Ed. (Alberta) (Secondary Education), St. Paul James Robert Ellis, B.A. (British Columbia) (Educational Administration), British Columbia

Dennis Albert Hewish, B.A. (University of New England, Australia), (Philosophy of Education), Edmonton

ucation), Edmonton
Nicholas Holowach, B.Sc., B.Ed. (Alberta) (Educational Administration), Bowden
Harry Harvey Hooge, B.A. (British Columbia) (Educational Administration), British

Columbia
Terence Hore, B.Ed. (Alberta) (Educational Psychology), Edmonton

Nicholas Keis, B.A. (British Columbia) (Educational Administration), British Columbia Margaret Teresa MacIsaac, B.A., B.Ed., M.A. in Teaching (St. Francis Xavier) (Secondary Education), Nova Scotia

Vincent David McNamara, B.A., B.Ed. (University of Melbourne) (Educational Administration), Australia

Kenneth George O'Bryan, B.Ed. (Alberta) (Educational Psychology), Edmonton

Werner George Schmidt, B.Ed. (Alberta) (Educational Administration), Edmonton Joseph Aziel Stevenson, B.Ed. (Alberta) (Secondary Education), Raymond Alfred Neil Stewart, B.A., M.A. (University of Western Australia) (Educational Administration), Australia

Mall Veer, B.A. (University of Tartu), B.Ed. (Alberta) (Educational Psychology), Calgary Austin Wilbur Youngberg, B.Ed., B.A. (Alberta) (Secondary Education), Edmonton

Admitted to the Degree of Doctor of Medicine

Candidates presented by Professor W. C. MacKenzie, Dean of the Faculty of Medicine

With Distinction

Jean Dorothy Gillis, Edmonton Robert Edward Miller, Edmonton

Kofi Sarpong Amankwah, Ghana William Peter Barton, Edmonton Laurence Edward Becker, Edmonton Carol Adele Bergquist, Bawlf John Leslie Bishop, Edmonton Lev Borys, Edmonton Dianne Elizabeth Brox, Edmonton John Gordon Burch, Edmonton Moses Charuwananga Chirambo, Malawi Ronald Louis Darby, Cardston Kenneth Russel Dubeta, Edmonton Philip Davis Elliott, Edmonton David Albert Foster, Edmonton Jack Alexander Gow, British Columbia John Michael Grainge, Edmonton William Ewart Hardie, Calgary Philip Gilbert Hopp, Lethbridge Charles William Hyndman, Edmonton Kenneth Wynn James, Edmonton Dennis William Jirsch, Edmonton Jacqueline Edith Brennen Jirsch, Mannville Olaf Wilmot Skjenna, Edmonton Nicholi Roman Kastelen, Andrew Sheila Nell Smeltzer, Edmonton Nicholi Roman Kastelen, Andrew Angus Henderson Kirk, Edmonton William Scott Klipper, Hanna Lorne Arthur Klippert, Calgary Egbert Hendrik Krikke, Lacombe Ian Robert Vardy Laing, Edmonton William Laskowski, Edmonton Donald Conrad Leinweber, Calgary Norman Angus McDonald, Edmonton Gale Leroy McMurray, Beaverlodge John Charles Maccagno, Edmonton Fritz Martin, Edmonton Dennis Freeman Mercer, Edmonton Allan Everett Morrison, Edmonton David Morwood, Calgary Douglas John Mulholland, Edmonton

Donald Ashford Mundy, Calgary Derald James Oldring, Edmonton Stanley Allen Olson, Camrose Peter Paul Patterson, Edmonton Kenneth Cameron Petruk, Edmonton Brian Charles Plain, Calgary Wallace William Price, Edmonton Alastair Semple Rankin, Edmonton Lance Burnard Richard, Edmonton Kerri Duff Robertson, Edmonton Scott Malcolm Robson, Bawlf Mark Philip Rosenbloom, Edmonton Francis Wallace Wellington Bainyin Sam,

Edmonton James Dean Sandham, Coalhurst Brian Ainslie Saunders, Edmonton Gerald Frank Savage, Edmonton Reid Frederick Schindler, Lethbridge Paul Frank Schnee, Edmonton Maurice Francis Simpson, Edmonton Stephen George Sorokan, Edmonton Rudolph Wilfred Taubner, Edmonton Aubrey James Tingle, Edmonton Edmund Frank Todd, Delia Rudi Allen Unterthiner, United States James Patterson Waddell, Calgary Lorne Baird Warneke, Rimbey Earle Frederick Weisenburger, Edmonton Henry Wiebe, Saskatchewan Thomas Windrum Wilson, Edmonton Gordon Leslie Woodman, Westlock Mary Yakimowich, Edmonton Allan James Yates, Calgary John Charles Zubis, Edmonton

Admitted to the Degree of Bachelor of Laws

Candidates presented by Professor W. F. Bowker. Dean of the Faculty of Law

With Distinction

Donald Barry Kirkham, Edmonton John Patrick Peacock, Calgary

Maurice Charls Anderson, Edmonton George Elwyn Bowker, Edmonton Kenneth James Brown, Edmonton James Alexander Bryce Burgess, Edmonton

Duane Harold Catterall, Edmonton

Frederick Erskine Clark, Edmonton Larry Hugh Alexander Creighton, Veteran Thomas Stephen Dick, Calgary Nina Leone Foster, Edmonton Gary Victor Frohlich, Edmonton David Douglas Grier, Calgary

Wendie Margaret Hodge, Calgary Richard Sutherland Holmes, Edmonton Ellen Irene Irwin, Edmonton David Evan McLean Jenkins, Fort Saskatchewan Elwood Eric Johnson, Edmonton Jerry Marshall Kitt, Edmonton James Clarence Koshman, Edmonton

Dalton Leroy Larson, Edmonton Kenneth William Leech, Edmonton David Hugh McDermid, Calgary Dennis Alexander William McDermott, Calgary

Morris Stanley McManus, Rimbey Philip John Maher, Edmonton Michel Denis Meunier, Edmonton Gordon Robert Meurin, Edmonton Lawrence Elias Nemirsky, St. Michael Robert F. Newby, Calgary Frank Joseph Niziol, Edmonton

Wayne Eldon Omoth, Edmonton David William Parsons, Edmonton Albert Francis Pearce, Edmonton Robert Walter Poffenroth, Dewinton Myer Rabin, Edmonton William Nairn Richards, Edmonton Robert Frederick Roddick, Viking Robert Gerrie Rowley, Calgary Branny Schepanovich, Edson Lorne Willson Scott, Calgary Wayne Edward Shaw, Calgary Wulf Siewert, Coaldale Carole Mildred Smallwood, Tell R. Ballmer Stephen, Edmonton John Sterk, Edmonton Marilyn Aleta Tennant, Calgary Steve Vavra, Edmonton Michael Charles Welsh, Edmonton Neil Charles Wittmann, Edmonton

Admitted to the Degree of Doctor of Dental Surgery

Candidates presented by Professor H. R. MacLean,
Dean of the Faculty of Dentistry
With Distinction

With Distinction
Daniel Joseph Gau, Ewmonton

Kenneth George Baba, Saskatchewan Glenn Richard Baron, Saskatchewan Malcolm Evo Blasetti, Calgary Daryl Brian Boag, Calgary Renwick Donald Bradley, Edmonton Daryl Lisle Brown, Edmonton William Middleton Cathro, Scotland Erik Douglas Cragg, British Columbia Robert Maurice Depledge, Slave Lake Theodore Joseph John de Waal, Calgary Murray William Dickson, Saskatchewan Terrence Edward Donovan, Saskatchewan Elgin Thomas Duke, Saskatchewan John Graves Emerson, Edmonton Thomas John Erskine, Edmonton Roderick Hugh Florence, Edmonton Elwood Thomas Michael Geraldi, Calgary Wendell Allen Gillespie, Edmonton Carl Erwin Hawrish, Saskatchewan John Williard Hudson, Edmonton Vernon Harold Jones, Edmonton Alexander Kaburda, Edmonton John Lawrence Kenney, Edmonton Gordon Goro Kurio, Taber Ross Arthur Langmaid, Edmonton Donald William Greenfield Lloyd, Edmonton

Roy Allan MacRae, Calgary

Emmett Martin Malone, British Columbia John Allen Matthews, Edmonton Nicholas Steven Misura, Edmonton William Richard Mitchell, Edmonton Terry Roy Morgan, Edmonton Craig Kirkham Naylor, British Columbia Joanne Elizabeth Kalbfleisch Nicholson, Edmonton

Leonard Doyle Nobert, Morinville Robert Eldon Racine, Edmonton Thomas Howard Rumball, Edmonton Robert Lloyd Ruzicka, Thorsby Ulrich Joseph Ryll, Calgary George Robert Sandercock, Edmonton William Donald Scramstad, British Columbia

Colin John Sharpe, Edmonton
John Andrew Sherman, Nobleford
Albert Siemens, Edmonton
Brian Wesley Sigstad, Calgary
John William Stamm, Edmonton
Malcolm Laird Stewart, Edmonton
David Keith Taylor, St. Albert
Peter Lawrence Thompson, Edmonton
Terrence George Thompson, Saskatchewan
Ronald Graham Turner, Winterburn
Jerald Linwood Weitzel, Calgary

Admitted to the Degree of Bachelor of Science in Medical Laboratory Science

Candidates presented by Associate Professor H. E. Bell, Director of the Division of Medical Laboratory Science

Annabel Buxton, Edmonton

Wendy Anne Simonson, Camrose

Admitted to the Degree of Bachelor of Science in Pharmacy (Major)

Candidates presented by Professor M. J. Huston,
Dean of the Faculty of Pharmacy
Judith Ann Halls, Edmonton
(major in Hospital Pharmacy)

Rosemarie Elizabeth Nette, Edmonton (major in Pharmacy Administration) Sukhum Sornsrivichai, Thailand (major in Pharmaceutical Science)

Admitted to the Degree of Bachelor of Science in Pharmacy (Honors)

Vanna Javne Bell, Calgary (honors in Hospital Pharmacy)

Muriel Jean Bryenton, Grande Prairie (honors in Pharmacy Administration)

Richard Donald Krause, Hilda (honors in Pharmaceutical Science)

Douglas Alexander John Levy, Edmonton (honors in Hospital Pharmacy)

Keith Michael Joseph McErlane, Edmonton (honors in Pharmaceutical Science)

Kaoru Kathleen Matsunaga, Lethbrdge (honors in Hospital Pharmacy)

Ken Osamu Okamura, Lethbridge (honors in Pharmaceutical Science)

Lorna Patricia Richards, Edmonton (honors in Pharmaceutical Science)

Linda Ann Wright, Edmonton (honors in Hospital Pharmacy)

Admitted to the Degree of Bachelor of Science in Pharmacy

Dorothy Anne Ballentine, Irma Patricia Dora Bamsey, Edmonton Dennis Wayne Boettger, Tofield Brian Keith Boyd, Black Diamond Dianne Carol Calder, Edmonton Susan Anne Campbell, Edmonton Bonnie Carolyn Chomik, Edmonton Douglas Arnold Cowan, Edmonton Elaine Doralys Fournier, Edmonton Sharon Joanne Glowach, Edmonton Inez Lorraine Hannett, Innisfail Lynda Susan Heming, Calgary Carolyn Mary Johnson, Edmonton Beverley Suying Kwong, Edmonton Marjorie Eileen Lang, Edmonton Ernest Harvey Libech, Sangudo Lorna Jean Lowry, Cardston Sandra Maksymiuk, Calgary Karen Ann Malmberg, Cardston John Frank Martens, Three Hills Teresia Myra Mills, Edmonton Joyce Kasumi Miyashita, Picture Butte Joyce Elaine Moffatt, Edmonton

Patricia Joan Moore, Calgary Gail Lorraine Mydansky, Edmonton Wendy Barbara Palmer, Okotoks Donald Glenn Perrier, Medicine Hat Heather Gayle Rieberger, Innisfail David John Ritchie, Calgary Rosemarie Iris Semeniuk, Myrnam Eugene Morris Shepert, Ardmore Doris Elwynne Shepherd, Alix Jean Bernice Shysh, Edmonton Wayne Clarence Andrew Steinle, Camrose Dale Albert Garrett Stogryn, Edmonton Judith Irene Sutton, Edmonton Doris Marilyn Taylor, Edmonton Joyce Hiromi Tomimoto, Calgary Larry Stephen Verbitsky, Edmonton Susan Lynn Wallace, Calgary Gail Irene White, Edmonton Linda Carolyn Whitlock, Edmonton Fred George Wisbling, Edmonton Elaine Helen Yakimets, Redwater Amy Gloria Yamamoto, Magrath

Admitted to the Degree of Bachelor of Science in Nursing

Candidates presented by Associate Professor R. E. McClure, Director of the School of Nursing

With Distinction

Marion Glayds Abell, Edmonton Mildred Joan Arsene, Coalhurst Patricia Alberta Carpenter, Edmonton

Diana Nadia Alexiewich, Calgary Barbara Ann Beagle, Wetaskiwin Jane Isobel Bennett, Calgary Ghislaine Pauline Bourgeois, Saskatchewan
Ingrid Karen Bremer, Madeira Park
Mary Lorraine Culp, Edmonton

Callot Allt Eller, Edmonton

Gardinal Eller, Edmonton

Nida Davediuk, Edmonton Jean Margaret Debonnaire, Edmonton Carol Ann Eifert, Edmonton Margery Dawn Furnell, Red Deer

Marion Elizabeth Gourlay, Edmonton Maureen Catherine Harrison, British Columbia Dianne Julianna Hoffinger, Saskatchewan Florence Elizabeth Jeffrey, Calgary Pamelia Jean Macaskill, Saskatchewan Margo Ann Mogridge, Saskatchewan

Sheila Oler, Mountain View Patricia Lorraine Popko, Edmonton Delores Charmaine Porter, Duchess

Barbara Ruth Ann Wheatley, St. Albert Diane Patricia Winny, Calgary Viola Margaret Regehr, Saskatchewan Robin Lois Wright, Calgary Irene Ann Rybicki, Grassland

Admitted to the Degree of Bachelor of Physical Education

Candidate presented by Professor W. D. Smith, Professor of Physical Education

Myrna Rae Armour, Edmonton David Howard Benbow, Edmonton James Irvin Berg, Edmonton Valerie Winifred Blakely, Saskatchewan Patricia Gail Bogorus, Edmonton Irma Jill Bradford, British Columbia Norma Jean Brown, Lacombe Keith Stanley Carscadden, Medicine Hat Marvin Ted Chupka, Clandonald Richard Raymond Danielson, Edmonton Carolyn Ann Debnam, Edmonton Sandra Jean Draper, Edmonton Lawrence Walter Dufresne, Edmonton Dennis Edward Emmott, Edmonton Margery Irene Evjen, Stony Plain George La Verne Farr, Edmonton Nancy Jean Fay, Edmonton Sharon Elizabeth Fester, Edmonton Karen Frances Irene Fossheim, Edson Peter Lorry Golinowski, Edmonton Gail Frances Haddad, Edmonton Leonard Wallace Harvey, Edmonton William Edward Clarke Jensen, Barrhead Ian Frank Jobling, Edmonton Helen Adeline Johnson, Edmonton Natalka Anna Kozub, Edmonton Dennis McKee Robert Johnston, Edmonton Ronald Sidney Lappage, Ontario

Judy Ann Lees, Calgary Larry Samuel Lerbekmo, Edmonton Jacob Wilton Littlechild, Hobbema

Daphne Anne Luchka, Edmonton Dorothy Irene MacKay, Innisfail Carol Ethel Mayor, Edmonton Dennis Ronald Michaelchuk, Edmonton Phyllis Irene Newman, Edmonton Roger Michael Nikipilo, Smith Donald MacLean Ellis Poole, British Columbia Robert Irvine Ramsum, Caslan Fred John Resler, Edmonton Laura May Reynolds, Saskatchewan Beverley Ellalane Richard, Edmonton Maurice Donald Richards, Edmonton Gertrude Rosenberg, Edmonton Lorne William Sawula, Edmonton Natalka Anna Semotiuk, Edmonton David Grant Sharp, Lacombe Vernon Lyle Simonson, Saskatchewan Leslie Nils Sorensen, Bawlf William Donald Francis Spaul, Edmonton Joan Darlyn Spencer, Manitoba

Virginia Mae Schopff, Edmonton Judith Ann Stapleton, Edmonton Darlene Shirley Steele, Edmonton

Dawne Maurine Stillman, Calgary Sylvia Ruth Teare, Edmonton Erika Aloisia Tepper, Edmonton Helene Anna Tepper, Edmonton Lee Ann Isobel Tyrell, Edmonton

James Donald Stambaugh, Edmonton Harold William Stuckert, Edmonton Bryn Cleaver Thomas, Edmonton Audrey Susan Tomick, Edmonton Robert William Townsend, Medicine Hat Dianne Elizabeth Van Hesteren, Edmonton Brenda Irene Whitley, Edmonton Michael Earle Wicklum, 'Ontario

Cheryl Patricia Woods, Edmonton Ellory Catherine Laine Yurchuk, Edmonton

Admitted to the Degree of Bachelor of Arts in Recreational Administration Lawrene Patricia Collins, Calgary Karma Kay Hirsche, Edmonton

Diplomas

Diploma in Public Health Nursing

Candidates presented by Associate Professor R. E. McClure, Director of the School of Nursing

Mary Stephens Bahrey, Edmonton Maria Luisa Juana Llagostera Ballester, Edmonton Beverley Kaye Blair, Edmonton Barbara Joan Blake, Edmonton

Barbara Joan Blake, Edmonton
Nancy Bosik, Athabasca
Linda Gail Cardwell, Cardston
Jeannie Caswell, Lethbridge
Elsie Louise Cunningham, Saskatchewan
Diane Patricia Ellingson, Calgary
Jane Findlay, Lethbridge
France Simone Gobeil, Beaumont
Violet Eileen Gowing, Edmonton
Karyn Joy Hibbard. Edmonton
Agnes Honish, Edmonton
Eleanor Margaret Hunter, Edmonton
Colleen Patricia Irons, Calgary

Shirley-Anne Ruth Knippleberg, Red Deer Marlene Denise Krebs, Edmonton Joanne Mabel Laframboise, Edmonton Margaret Anne Leishman, Magrath Ann Patricia Lester, Edmonton Eleanor Lorraine McNiven, Manitoba Karen Marie Mills, Edmonton Elaine Margaret Nichols, Castor Camille Jewel Romaniuk, Edmonton Elfriede Stephanie Schinkinger, Athabasca Lyla Senft, Edmonton Sheila Jane Ward, Lethbridge Sheila Christine Weatherill, Ponoka Laura Elizabeth Wilson, Edmonton Janice Hellena Wolter, Leslieville Marian Florance Zanutig, Big Valley

Diploma in Teaching and Supervision in Schools of Nursing

Marilyn Kaye Albers, Edmonton Kathleen Susannah Barker, Edmonton Avis Jean Munro Christie, Calgary Shirley Elizabeth Davey, Saskatchewan Sylvia Derbowka, Saskatchewan Helen Martha Dyck, Pincher Creek Bernice Edith Anne Fontana, Coleman Patricia Lynne Fowler, Calgary Janelle Mary Gidman, Edmonton Linda Margaret Gray, Edmonton Ruth Anne McIsaac, Saskatchewan Maureen Anne McKenzie, Edmonton

Louise Annette Miller, Edmonton
Patricia Anne Moisey, Edmonton
Marjorie Michele Murray, Calgary
Margaret Robeina Peddie, Lethbridge
Marlene Anne Rambold, Edmonton
Joan Marie Rochefort, Edmonton
Eileen Brigid Ryan, Edmonton
Sandra Joyce Scott, Edmonton
Mary Arlene Warnick, Calgary
Norma Jacqueline Williams, Edmonton
Christine Donna Younge, Ponoka

Diploma in Occupational Therapy

Candidates presented by Dr. D. F. Cameron, Associate Dean of the Faculty of Medicine

Frances Louise McCall, Rumsey Birgit Sys Schau, Calgary Maureen Joan Senior, Saskatchewan

Diploma in Physical Therapy

Barbara Jean Binney, Calgary
Helen Elizabeth Deurloo, Edmonton
Nellie Clara Dubbelboer, Bow Island
Margaret Anne Holberton, Calgary
Karen May Jackson, Innisfail
Alice Anne Jones, Calgary
Frances Anne Jordan, Edmonton
Garry Nelson Link, Saskatchewan
Marie Lois MacDonald, Edmonton
Carol Anne Milne, Calgary

Joan Kathleen Morstad, Saskatchewan
Jean Sargent Murray, British Columbia
Susan Elizabeth Nash, Edmonton
Deidra Deane Poulsen, Lethbridge
Mary Jane Reid, Taber
Donald Robert Runquist, Lethbridge
Janet Marilyn Stedman, Lethbridge
Judith Dianne Tolley, Mountain View
Marcia Sheridan Wichers, British Columbia

Diploma in Dental Hygiene

Candidates presented by Mrs. Margaret Berry MacLean, Director of the School of Dental Hygiene

†Lenora May Adams, Edmonton Heather Lyn Alton, British Columbia †Joanne Baum, Medicine Hat †Isabel Lorraine Beven, Edmonton Stephanie Margaret Brawn, British Columbia

†Paula Ann Buck, Elk Point Sharon Marie Ell, Saskatchewan †Cheryl Ann Goodfellow, Calgary †Verna Maxine Gregson, Edmonton †Sandra Joyce Loppacher, Saskatchewan †Nancy Jean MacEachern, Ontario †Valerie Anne Marsh, Edmonton Karin Elizabeth Walley, British Columbia †Marjorie June Weich, Calgary †Judy Zuk, Saskatchewan

†Also awarded the Dental Auxilary Certificate.

The General Faculty Council of the University has also approved the award of diplomas to the following students who do not attend Convocation.

Diploma in Nursing

Lorna Jeane Anderson, Lousana Karen Eileen Johnson Baird, Lougheed Katharine Amy Barlow, Vermilion Bernice Paulette Belter, Bashaw Lucille Joan Bridger, Édmonton Cornelia Veronica Buss, Ontario Erna Lorraine Byggdin, Saskatchewan Elizabeth Blanche Caines, Calgary Marilyn Agnes Carl, Wainwright Pearl Emma Christensen, British Columbia Kathleen Patricia Cook, Wainwright Sandra Lee Ewert, Wainwright Patricia Carol Ann Fendelet, Calgary Emma Jean Filgate, Vermilion Winifred Bonnie Forbes, Vermilion Elizabeth Hannah Graham, Lacombe Janet Cecelia Graham, Olds Claranne Olava Halvorson, Edmonton Linda May Heater, Donalda Kay Arlene Henshall, Fort Saskatchewan Darlene Elizabeth House, Red Deer Carol Diane Hughes, Ponoka Barbara Ann Joyce Hunt, Elk Point Joan Alberta Jacob, Edmonton Joan Elizabeth Johnson, Clover Bar Sheila Isobel Knott, Edgerton Alice Rojeanne Love, Red Deer Rose Mah Toy, Leduc

Victoria Elizabeth Mashtaler, Fallis Amber Starr Mason, Edmonton Sherrie Lynn Maxwell, Viking Helen Maureen McBride, British Columbia Diane Marie McTavish, Sherwood Park Phyllis Mae Brown Melsness, Edmonton Inger Marie Nielsen Paulsen, Edmonton Janet Val Pegg, Minburn Judy Ann Potter, Lougheed Hazel Louise Quinn, Elmworth Marguerite Denise Ross, Okotoks Sandra Patricia Thompson Rudd, Edmonton Elaine Marilyn Schneider, Stony Plain Arla Ellen Shouldice, Calgary Lynda Marie Smith, Wainwright Joyce Warhaft Sternberg, Camrose Carol Ann Midtdal Stewart, Edmonton Mona Strate, Magrath Elizabeth Ann Hamilton Thompson, Edmonton Jean Patricia Thompson, Lac La Biche Edith Marilynn Turner, Grande Prairie Marie Madeleine Marthe Van Hyfte, Wainwright Patricia Lee Varley, Manitoba Myrna Anne Wiedrick, Picardville Nola Christine Williams, Tofield Carol Lorraine Wilson, New Brigden

PROFESSIONAL CERTIFICATION

CERTIFICATES OF POSTGRADUATE QUALIFICATION IN MEDICINE

Internal Medicine

Internal Medicine

Peter Michael Crockford

Sing Pui Lam

Man-Son-Hing

Hugh MacRae Bacon Florence Elizabeth Broughton Gope Vishindas Chablani David Robert Cornish Ivan Alban Arthur De Coutere

Andrew Robert Stewart

Harro Josef Albert Cranz Maurice Fitzgerald Frank Irwin Jackson

Herman J. de Jongh Harold Guy Haynes Arthur Murdoch Leacock John Douglas Moore Miller

Edward Stuart Orford Smith

Brian Harvey Woodhead

Wesley Gordon Chipperfield Michael Augustin O'Sullivan Harold Prokopyshin James Harvey Sherstan

Amir Houshang Ansari Ian Alexander Ferguson

Albin Stanley Urban

Gerald Eric Gavelin

Leslie Marshall Dushinski

Gurcharanjit Singh Attariwala Edwin Joseph Dobry

Colin Clive Hughes Dale

Bryce Keith Alexander Weir

Aileen Patricia McConnell

Neurology

Psychiatry

Lawrence John Kotkas David Kunio Miyauchi Keith Ian Pearce Oskar Jerzy Slowik

Paediatrics

Radiology-Diagnostic

Harold Edward Stilwell Gary Edward Swanson

Anaesthesiology

Basil Seymour Skinner Gunter Erhard Wallat William John Crawford

Preventive Medicine

Physical Medicine

General Surgery

Alan Gerald Smith Peter Alexander Salmon W. J. MacDonald

Obstetrics and Gynaecology

Henry George Tiley Ross Archibald Westgate

Orthopedic Surgery

Plastic Surgery

Genito-Urinary Surgery

Kazie Alfred Siluch

Ophthalmology

Charles Joseph Radford

Rhino-Oto-Laryngology

Neurosurgery

CERTIFICATES OF POSTGRADUATE QUALIFICATION IN DENTISTRY

Orthodontics

John Alan Pittaway

DENTAL HYGIENE

JANUARY, 1967 Jeanette Lois Fritts Pittaway

APRIL, 1967 Janice Ilene Hilde

LAW

SEPTEMBER, 1966 Quraishi, Viqar A.

NOVEMBER, 1966
Christensen, Walter R.
Chumir, Sheldon M.
Magnus, John G.
Martin, J. Barry

FEBRUARY, 1967
Abbott, Daniel C.
Baynton, George W.
Crosland, Cecil G.
Hawco, Gerald C.

Mis, Walter K. Pannu, Barinder S. Saville, Francis M.

McCaffery, Terrence T. Morgan, Douglas S. Outhit, Peter A. Redgwell, James F.

JANUARY, 1967

Billie Rae Achtymichuk Lorna Jeane Anderson Carol Frances Bakhaug Katharine Amy Barlow Della Mary Bascom Bernice Paulette Belter Valerie Anne Bowerman Lucille Joan Bridger Velda Jean Broadhead Caroline Mary Burke Cornelia Veronica Buss Sherrie Lynn Busse Erna Lorraine Byggdin Elizabeth Blanche Caines Joan Darlene Calderwood Frances Joan Cambridge Marilyn Agnes Carl Simone Jeanne Chartrand Pearl Emma Christensen Kathleen Patricia Cook Lynda Trenna Cooke Denise Barbara Dew Susan Ruth Dickey Marlene Audrey Dow Loretta Marlene Eisman Beverly Merle Elliott Sandra Lee Ewert Patricia Jean Faber Patricia Fendelet Emma Jean Filgate Diane Marlene Fomradas Winifred Bonnie Forbes Brenda Mary George Elizabeth Hannah Graham Janet Cecelia Graham Nancy Isabel Haaland

NURSING

Claranne Olava Halvorson Linda May Heater Kaye Arlene Henshall Carol Diane Hughes Barbara Ann Joyce Hunt Joan Alberta Jacob Doris Sandra Adele Johnson Joan Elizabeth Johnson Karen Eileen Johnson Karen Ann Jones Reiko Kariatsumari Marian Janice Kary Erika Maria Klopp Sheila Isobel Knott Eleanor Lynn Langille Ester Chung-Shung Lo Alice Rojeanne Love Lai-Yin Renne Lui Maureen Helen McBride Alida Maria Elizabeth McCurry Diane Marie McTavish Rose Mah Toy Victoria Elizabeth Mashtaler Amber Starr Mason Deloras Hilda Matson Phylis Mae Melsness Ava Lana Berniece Murphy Marlene Teruko Nago Roberta Diane Noden Elaine Marie Olson Inger Marie Paulsen Janet Val Pegg Polly Ann Petryshen Judy Ann Potter Margaret Florence Procyshyn Hazel Louise Quinn

Karen Annette Reynolds Christine McElwee Robertson Hallia May Romanchuk Marguerite Denise Ross Sandra Patricia Rudd Betty Anne Saver Sharon Lynne Schaitel Darlene Elizabeth Schneider Elaine Marilyn Schneider Arla Shouldice Sister Marie Paul Edouard Lynda Marie Smith Joyce Sternberg Carol Ann Stewart

OCTOBER, 1966

Constance Hunter Boraston

DECEMBER, 1966

Carol Ann Bain Edward Theodore Demchuk Janet Holmes

APRIL, 1967

Margaret E. Bearden Christine L. Czechowsky Gerald G. Keating Mona Strate
Elizabeth June Thibaudeau
Elizabeth Ann Thompson
Jean Patricia Thompson
Janet Alice Thompson
Edith Marilynn Turner
Marie-Madeleine Marthe Van Hyfte
Patricia Lee Varley
Ivie Mae Laverne Wallden
Myrna Anne Wiedrick
Nola Christina Williams
Carol Lorraine Wilson
Catherine Wilson
Helen Zarycki

PHARMACY

Welland Muri Clifton James Sedgwick Barbara Janet Telang

Francis L. Maloney David Franklyn Maxim Raymond Milton Strain





FOLIO

Spring Convocation at The University of Alberta

It's a big affair

The University of Alberta's first threepart Spring Convocation is being held May 30 and 31, and June 1. Over 1,900 students, including 140 in Graduate Studies, will receive degrees in course during the three days.

Five Canadians will receive the honorary degree of Doctor of Laws. Notes about them follow.

Murray L. Barr

Dr. Murray Llewellyn Barr, anatomist and research scientist, is Head of the Department of Anatomy at the University of Western Ontario.

He was born at Belmont, Ontario, and received his early education there and in London, Ontario. He graduated from the University of Western Ontario with a B.A.

Alumni Golden Jubilee Award: E. C. Manning

The Honourable Ernest Charles Manning, Premier of Alberta, President of the Executive Council, and Attorney General, has been chosen to receive the 1967 Alumni Golden Jubilee Award from the Alumni Association of The University of Alberta.

The presentation will be made by His Honour Judge B. C. Whittaker, new President of the Alumni Association, at Convocation ceremonies to be held Wednesday, May 31.

The Alumni Golden Jubilee Award is presented annually to a person who has contributed to the welfare of the University, either directly or indirectly. Dr. Manning, head of the Government of Alberta for 24 years, was chosen as this year's recipient in recognition of the Government's longstanding interest in and support of the University and its activities. The Award was first presented in 1958 at the University's Fall Jubilee Convocation. Dr. Manning will receive an engraved gold tray and framed citation.

in 1930 and an M.D. in 1933. He decided to specialize in neurology, and did summer research at the University of Minnesota in neurohistology. He received a M.Sc. from Western in 1938.

Dr. Barr was appointed Instructor in Anatomy in 1936, Associate Professor in 1945 and Professor of Microscopic Anatomy and Head of the newly-created Department in 1953. In 1964, he became Head of the Department of Anatomy.

He served in the Royal Canadian Air Force from 1939 to 1945, in Canada on Medical Selection Boards and in London, England, for two years as President of the RCAF Medical Board. Following his retirement, with the rank of Wing Commander, he continued to serve as a military advisor as a member of the Panel on Aviation Medicine, Defence Research Board.

On his return to the University in 1945, he began research in various aspects of cytology and has concentrated more recently on the sexual dimorphism on interphase nuclei and its applications to clinical medicine.

Dr. Barr has received many honors and awards, among them: the award of the Canadian Society of Obstetrics and Gynaecologists (1956); the Borden Award of the Association of American Medical Colleges (1957); Fellow of the Royal Society of Canada (1958); Lecturer in Medicine of the Royal College of Physicians and Surgeons of Canada (1959); The Flavelle Medal of the Royal Society of Canada (1959); The Charles Mickle Award of the University of Toronto (1959); The Ortho Medal of the American Society for the Study of Sterility (1962); The Medal of the American College of Physicians (1962); Joseph P. Kennedy Jr. Foundation award (1962); The Award of Merit of the Gairdner Foundation (1963); and honorary degrees from Queen's University (1962); the University of Toronto (1964) and the University of Basel, Switzerland (1966).

He is a member of a dozen scientific societies and author or joint author of more than 80 research publications.

Dr. Barr is married and has three sons.

Helen Beney Gibson

Helen Beny Gibson, Medicine Hat Alderman and community worker, is a graduate of The University of Alberta.

She was born in Long Island, New York, and moved to Alberta as a small child. She received her elementary education at Irvine Public School, Irvine, Alberta and her high school education at Mount Royal College in Calgary. She received her Bachelor of Arts degree here in 1924.

Mrs. Gibson was first elected to public office in 1954 as a member of the Board of Medicine Hat Separate School District No. 21. She served for two years, first as Vice-Chairman and then as Chairman of the Board.

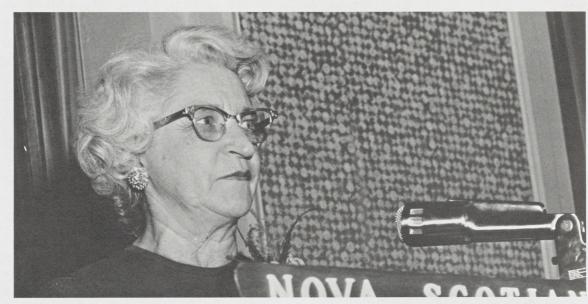
She was then elected Alderman in 1957 and is now serving her fifth consecutive two-year term. During this time she has been Chairman of the aldermanic Welfare Committee and a member of the Recreation Commission. At present she is a member of the Medicine Hat Health Unit Board, Medicine Hat Regional Planning Commission, Medicine Hat Public Library Board, Finance Committee, Public Works Committee, Advisory Committee to City Council and is Chairman of the newlyformed Preventive Social Services Committee. She served as Deputy Mayor from November 1966 to January 1967.

She represented Medicine Hat at the First Canadian Conference on Aging in 1966 and is now a member of the provincial committee and has represented the City throughout Canada and overseas.

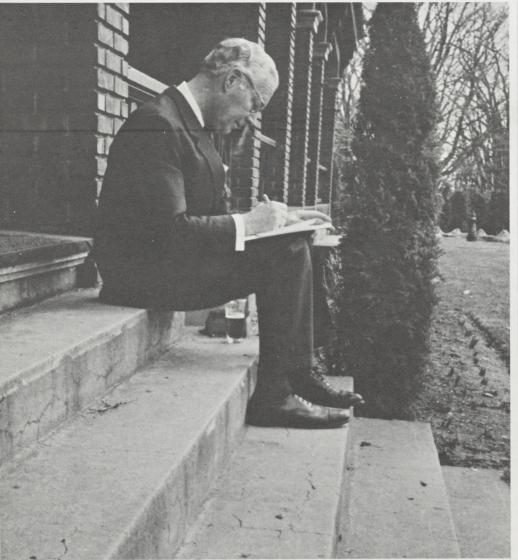
Mrs. Gibson has served in an executive capacity in several organizations, including the Canadian Federation of University Women, Canadian Federation of Business and Professional Women's Clubs, Women's Liberal Federation of Canada, The University of Alberta Alumni Association, Canadian Club, Catholic Women's League, United Fund, John Howard Society, Cerebral Palsy Association, Rehabilitation Society, and others.

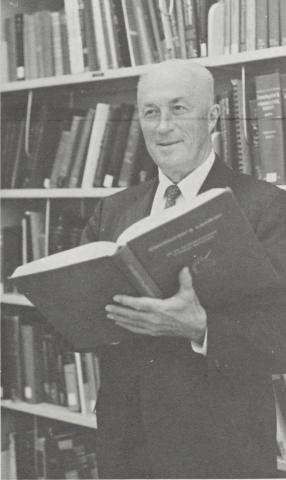
Mrs. Gibson is the widow of Dr. G. Ross Gibson and the mother of three children.

(Continued on Page Four)



Helen Beny Gibson (at right) A. D. P. Heeney (below)





A. W. Matthews (above) Roland Michener (at right)



E. C. Manning (at left)
Murray L. Barr (below)





A. D. P. Heeney

Arnold Danford Patrick Heeney, Q.C., public servant of Canada for almost 30 years, receives his ninth honorary degree from The University of Alberta.

He is Chairman of the Canadian Section of the International Joint Commission, a position in which he has served since 1962.

He began his public service career as Principal Secretary to the Prime Minister of Canada in 1938. In 1940 he became Clerk of the Privy Council and Secretary to the Cabinet, a position he held until 1949. He was appointed a Dominion King's Counsel in 1941.

He was Under-Secretary of State for External Affairs from 1949 to 1952, and Ambassador and Permanent Representative of Canada to the North Atlantic Council and to the Organization for European Economic Cooperation, Paris, from 1952 to 1953.

In 1953 he was appointed Canadian Ambassador to the United States, where he served until 1957, and again from 1959 to 1962. He was Chairman of the Civil Service Commission of Canada in the intervening period. Dr. Heeney has also been a member of the Board of Governors of McGill University, since 1962.

Born in Montreal, Dr. Heeney received his early education at St. John's College School, Winnipeg, and his Bachelor and Master of Arts degrees from the University of Manitoba. He attended St. John's College, Oxford, as a Rhodes Scholar from Manitoba in 1923; he studied Modern History there and completed his Bachelor of Arts in 1925 and Master of Arts in 1936. He received a Bachelor of Civil Law from McGill University in 1929.

Dr. Heeney was admitted to the Bar of Quebec in 1929, practised law in Montreal until 1938 and was a Sessional Lecturer at McGill's Faculty of Law from 1934 to 1938.

Dr. Heeney served as chairman of the Preparatory Committee on Collective Bargaining in the Public Service from 1963 to 1967. Presently, he is Chairman of the Canadian Section, Canada-United States Permanent Joint Board on Defence and is President of the Canadian Institute of International Affairs.

Dr. Heeney is married and has one son and one daughter.



FOLIO
The University of Alberta
Edmonton, Alberta
F. William Samis, Editor
Published every two weeks for
the academic staff and other
interested persons by the Public Relations Office, telephone
432-4201.

AUTHORIZED AS SECOND CLASS MAIL BY THE POST OFFICE DEPARTMENT, OTTAWA, AND FOR PAYMENT OF POSTAGE IN CASH. POSTAGE PAID AT EDMONTON.

A. W. Matthews

Dr. Arnold Whitney Matthews, Dean of the Faculty of Pharmacy, University of British Columbia, is a native of Alberta.

He was born at Daysland and received his early education there and in Camrose. He graduated from The University of Alberta with a Bachelor of Science degree in 1921 and a Master of Science in 1925. He received his doctorate from the University of Florida in 1941.

In 1923 he joined The University of Alberta staff as a lecturer in the School of Pharmacy. He became Professor and Director of the School of Pharmacy in 1942 and served in that capacity until 1946.

In 1946 Dr. Matthews became Director of Research for the Rexall Drug Company Limited where he served until 1951 when he joined the Riker Pharmaceutical Company Limited as President.

In 1952 he left Riker to become Professor and Dean of the Faculty of Pharmacy at the University of British Columbia.

Dr. Matthews received the A. H. Robins Award from the British Columbia Pharmaceutical Association in 1962 and the Dr. E. R. Squibb Award from the Canadian Pharmaceutical Association in 1964.

He is Past-President of the Canadian Pharmaceutical Association, the Canadian Foundation for the Advancement of Pharmacy and the Canadian Association of Deans of Pharmacy; Past-Chairman of the Canadian Conference of Pharmaceutical Faculties and a member of the Alberta Pharmaceutical Association and American Pharmaceutical Association, Rho Chi Society and Sigma Xi.

Dr. Matthews is a member of the Board of Governors of the British Columbia Lions Football Club and a Past-President of the Canadian Rugby Union and the Royal Canadian Golf Association.

He is married and has one son.

Roland Michener

The Right Honourable Roland Michener, Governor-General of Canada, is a native of Alberta.

He was born at Lacombe, the son of the late Senator Edward Michener and Mary Edith (Roland) Michener, and grew up in Red Deer. He attended The University of Alberta, graduating with a Bachelor of Arts degree in 1920. He made his mark as a hockey player here, and was active in student affairs. He went on to the University of Oxford as Rhodes Scholar for Alberta, where he studied law, receiving a Bachelor of Arts in 1922, Bachelor of Civil Law in 1923 and Master of Arts in 1929. He was admitted to the Bar in England in 1923 and in Ontario in 1924 and became King's Counsel in 1943.

He was a practising lawyer in Toronto from 1924 to 1957 with the firm Lang, Michener and Cranston.

Mr. Michener was a member of the Ontario Legislature for St. David, Toronto, from 1945 to 1948 and Provincial Secretary and Registrar for Ontario from 1946 to 1948.

He was first elected to the House of Commons in 1953 and was re-elected in 1957 and 1958. When the Progressive Conservatives formed the Government in 1957 he resigned from the boards of 26 companies to become Speaker of the House of Commons, and when they were defeated the new Prime Minister invited Mr. Michener to become permanent Speaker. He declined, but was soon appointed High Commissioner for Canada to India, in July, 1964, a position he held until his appointment as Governor-General in April, 1967.

Mr. Michener has received honorary degrees from The University of Ottawa in 1948, Queen's University in 1958 and Laval University in 1960. He was made Honorary Fellow, Hertford College, Oxford, in 1961 and served as General Secretary for Canada for Rhodes Scholarships from 1936 to 1964.

He is Honorary Vice-President and Honorary Counsel of the Canadian Institute of International Affairs and has served as Chairman of the Executive of the Canadian Association for Adult Education; Honorary Counsel of the Red Cross Ontario Division; and Governor of Toronto Western Hospital.

Mr. Michener is married and has three daughters.

Reports to Convocation

The President, Dr. Walter H. Johns, will make his regular Report to Convocation on the affairs of the University at Spring Convocation, Part One, May 30. Dr. Max Wyman, Vice-President, Academic, and Dr. Walter C. MacKenzie, Dean of the Faculty of Medicine, will make special Reports to Convocation on May 31 and June 1. Copies of each Report will be distributed with this issue of FOLIO on the day they are given, and the following days, at the Convocation ceremonies. Persons who attend an early part of Convocation and want a report delivered at a later one, or want additional copies, should telephone the Public Relations Office, 432-4201.

The photograph of Mrs. Gibson is by Clary DeBaie, Halifax; of Dr. Heeney by United Press International, Ottawa; of Dr. Manning by Colin Price, The Edmonton Journal; and of Dr. Michener by The Globe and Mail, Toronto.

Report to Convocation

Spring Convocation, Part Three: Walter C. MacKenzie

The Report to Convocation on June 1, 1967, the third part of Spring Convocation at The University of Alberta, was made by Dr. Walter C. MacKenzie, Dean of the Faculty of Medicine. An outline of his Report follows.

He said:

Eminent Chancellor—I am pleased to have the honor of presenting, on behalf of the President, a brief Report to Convocation of the activities of the Health Science Faculties.

During the last several years the various health sciences in the University—Medicine, Dentistry, Pharmacy, Nursing and Rehabilitation Medicine, in collaboration with The University of Alberta Hospital administration, have had joint discussions in the planning of The University of Alberta Health Sciences Centre. It is gratifying to report today that the planning for the first phase of this complex is well under way and the first building, which will house the Clinical Departments of the Faculty of Medicine, the School of Nursing and the students in the Medical Laboratory Science program, is under construction.

This exciting development has been made possible by (first) the cooperate effort and support of the University administration, the Hospital administration, the Honourable J. Donovan Ross and his colleagues in the Department of Health and the Honourable F. C. Colborne and his colleagues in the Department of Public Works, (second) the untiring efforts of our academic staff in long range planning, and (third) the skill and foresight of the Project Director, Mr. Ronald Clarke.

This Health Sciences Centre will provide a full range of preventive, diagnostic, therapeutic, and rehabilitative services to the people of Alberta and, at the same time, will serve as a training centre for urgently required physicians, dentists, pharmacists, nurses, occupational therapists, physiotherapists, technical staff in many areas and other health science personnel

Health science education must include a background in the humanities as well as in science; it must be provided in an atmosphere that stimulates challenge and enquiry, therefore, it is mandatory that the Health Sciences Centre be an integral part of the University. Only a University provides the freedom of environment, the diversity of resources and the required opportunity to experiment with different educational programs.

The Medical, Dental and Pharmacy Faculties, the Schools of Nursing and Rehabilitation Medicine and all other paramedical science educational facilities, in which patient-care, teaching and research are integrated, must eventually be considered as inseparable components of the University-based Health Sciences Centre.

This modern concept brings together the many diverse health science personnel during their training so that they will share experiences and problems as undergraduates so as to be better able to function as a single health team to provide for the patient's total health requirements when they assume their roles in the community.

This is the Golden Anniversary of our Faculty of Pharmacy. It was recognized as a School of the Faculty of Arts and Science fifty years ago, in 1917. The School was transferred to the Faculty of Medicine in 1938, and in 1948 received autonomy as an independent School under the General Faculty Council. In 1955 it became a Faculty, and Dr. M. J. Huston was appointed as Dean. Dr. Huston has continued to provide vigorous and outstanding leadership to this Faculty to make it one of the most outstanding in Canada. In the last year they have inaugurated a fouryear program which has been well accepted, they have continued to foster graduate training and research and have

000

MacKENZIE

expanded their program in continuing pharmaceutical education.

We note, with pleasure, the presence of two distinguished scientists in the health field who will be awarded honorary degrees today, Dr. A. W. Matthews, a former Director of our School of Pharmacy and Dr. Murray Barr, a distinguished scientist from the University of Western Ontario. It gives us particular pleasure that one of Dr. Barr's early collaborators, Dr. E. G. Bertram, will present him for his degree.

In the dental undergraduate program during the last year there were 194 students, there were 40 in the School of Dental Hygiene and three graduate students. Dr. H. R. MacLean, Dean of Dentistry, states that only one out of four applicants in dentistry can be accepted due to limitation of space. Recently, the academic members of the Faculty of Dentistry have concerned themselves, particularly, with curriculum and dental education studies which will undoubtedly greatly influence further "learning" programs in their Faculty. The clinical areas, that is the general Dental Clinic, the School of Hygiene and the Dental Department of The University of Alberta Hospital, have combined to provide exemplary patient-care with an excellent learning experience for the senior dental student. The place of graduate education and research in the overall dental program becomes more established each year.

The School of Nursing has completed a successful year during which time the new four-year degree program was implemented. The response of high school students to this program was very gratifying. The Director of the School, Miss R. E. McClure, feels strongly that, because The University of Alberta is the only School of Nursing in the Province offering a program of study at the baccalaureate level, we must overcome any curtailment of enrollment if we are to provide the well qualified nurses required to meet the needs of anticipated expansion of health services.

In July, 1966, Dr. Carpendale resigned as Director of the School of Rehabilitation Medicine and accepted an appointment in New York. He has been succeeded recently by Dr. John B. Redford who has been appointed Professor and Director of the School of Rehabilitation Medicine. Dr. Redford, a native of Canada, was Professor and Chairman of the Department of Physical Medicine and Rehabilitation at the Medical College of Virginia prior to his new appointment. In September, 1967, the School of Rehabilitation Medicine, as part of its planned expansion, will double its first year class and, in addition, will offer a new program of training for teachers of occupational therapy.

In all health science faculties the academic staff have continued to take an active role in professional associations, pro-

vincial, national and international. They have participated in continuing education programs at home and abroad and have acquitted themselves with distinction.

Our research programs are attracting increasing support from national and international granting bodies in competition with all the health science faculties of Canada and the United States. The Faculty of Medicine, alone, has engendered extramural research support for the ensuing year which will approximate two million dollars.

Eminent Chancellor, ladies and gentlemen, I would like to conclude by quoting from the recent report of the Millis Commission*: "No physician by himself has all

the knowledge and skills necessary to provide all of his patients with optimal health care. Specialization implies division of responsibility. But the patient is undivided. Programs of undergraduate and graduate medical education should therefore give greater emphasis to the training of physicians for co-operative effort with members of other health professions in order that each patient may be provided with the combination of skills and knowledge best adapted to his particular needs."

*A Commission for the American Medical Association, headed by Dr. John S. Millis, President of Western Reserve University, Cleveland; its report, Graduate Education of Physicians, was published in September.